

PERMIT APPLICATION: NRS #07.413

APPLICANT: Ronald W. Kirby
City of Memphis
125 North Main Street, Room 620
Memphis, TN 38103
(901) 576-6720

LOCATION: Project begins at the existing sewer just south of the Loosahatchie River and east of Raleigh-Millington Road then runs west and terminates at an existing sewer approximately 1,140 feet to the west of the Illinois Central Gulf Railroad in Memphis, Shelby County.

WATERSHED DESCRIPTION: Surrounding land use is both wetland and upland forests and adjacent roads. Wetland areas are comprised of maples, green ash, American elm, cypress and oak. The proposed project is in the Loosahatchie River watershed HUC 08010209.

PROJECT DESCRIPTION: The applicant proposes to construct a sanitary sewer line that will cross two wetland areas, four streams and the Loosahatchie River. Temporary easements are 40-50 feet while permanent easements are 30 feet. Temporary impacts to wetlands are 1.24 acres. Wetland #1 is approximately 0.061 acres while wetland #2 is 1.18 acres.

The wetland crossing shall be constructed according to standard protocol which consists of the segregation of the top and subsoil, placement of plugs or collars within the trench, the replacement of the soil in the manner in which it was removed and the establishment of pre-existing contours. Native tree seedlings shall be replanted on the cleared areas at the rate of 400/acre. Following construction the alignment will not be mowed or maintained.

The Loosahatchie River crossing will be either open-cut with coffer dams or directional boring. Stream crossings will be open-cut with a grade control structure at each crossing.

The applicant shall monitor the wetland and stream crossings and submit annual reports to this office for at least two years to guarantee that the wetland returns to jurisdictional status.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: Millington 408- SW
Lat 35.262927 Long 89.929181

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No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

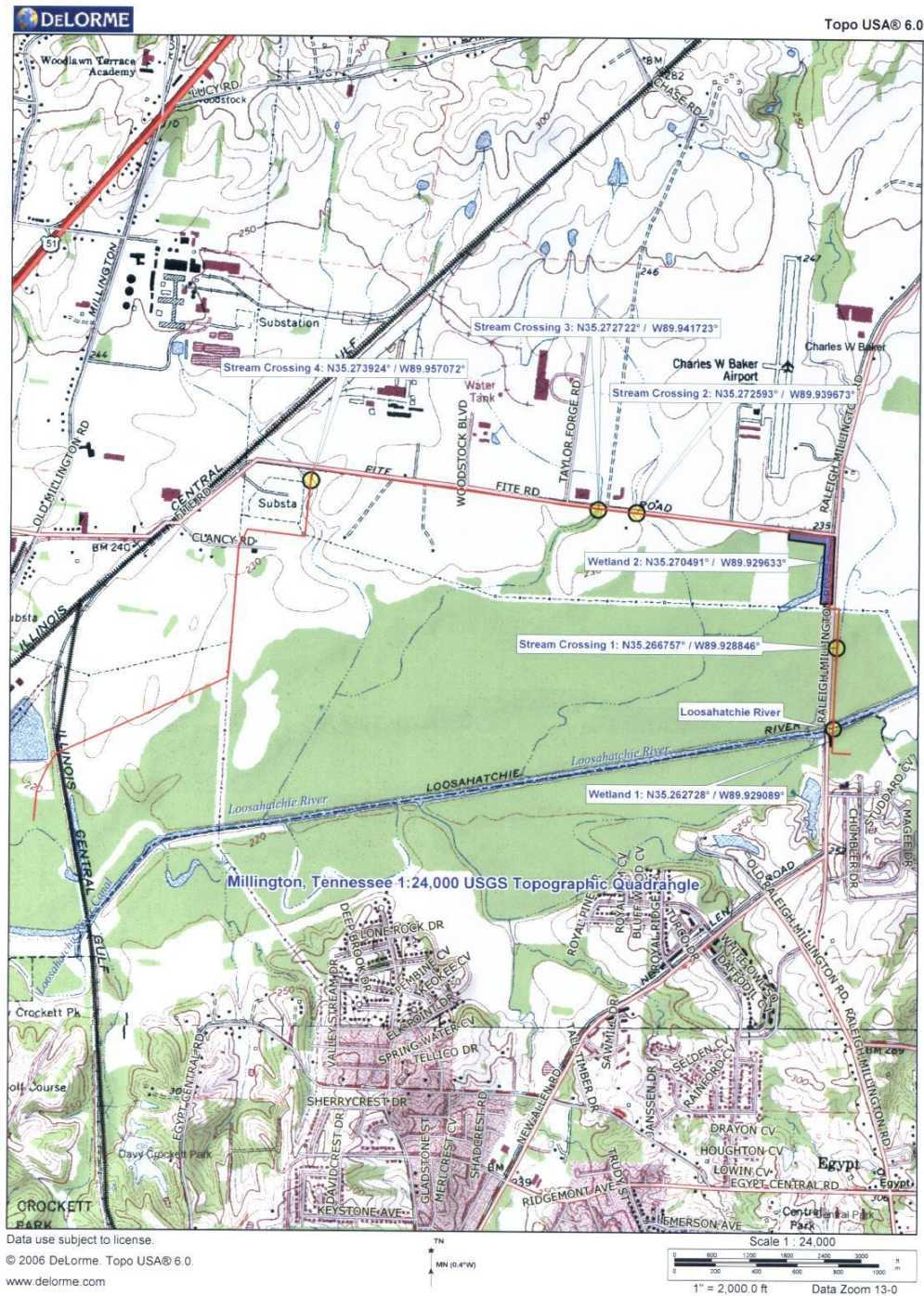
Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

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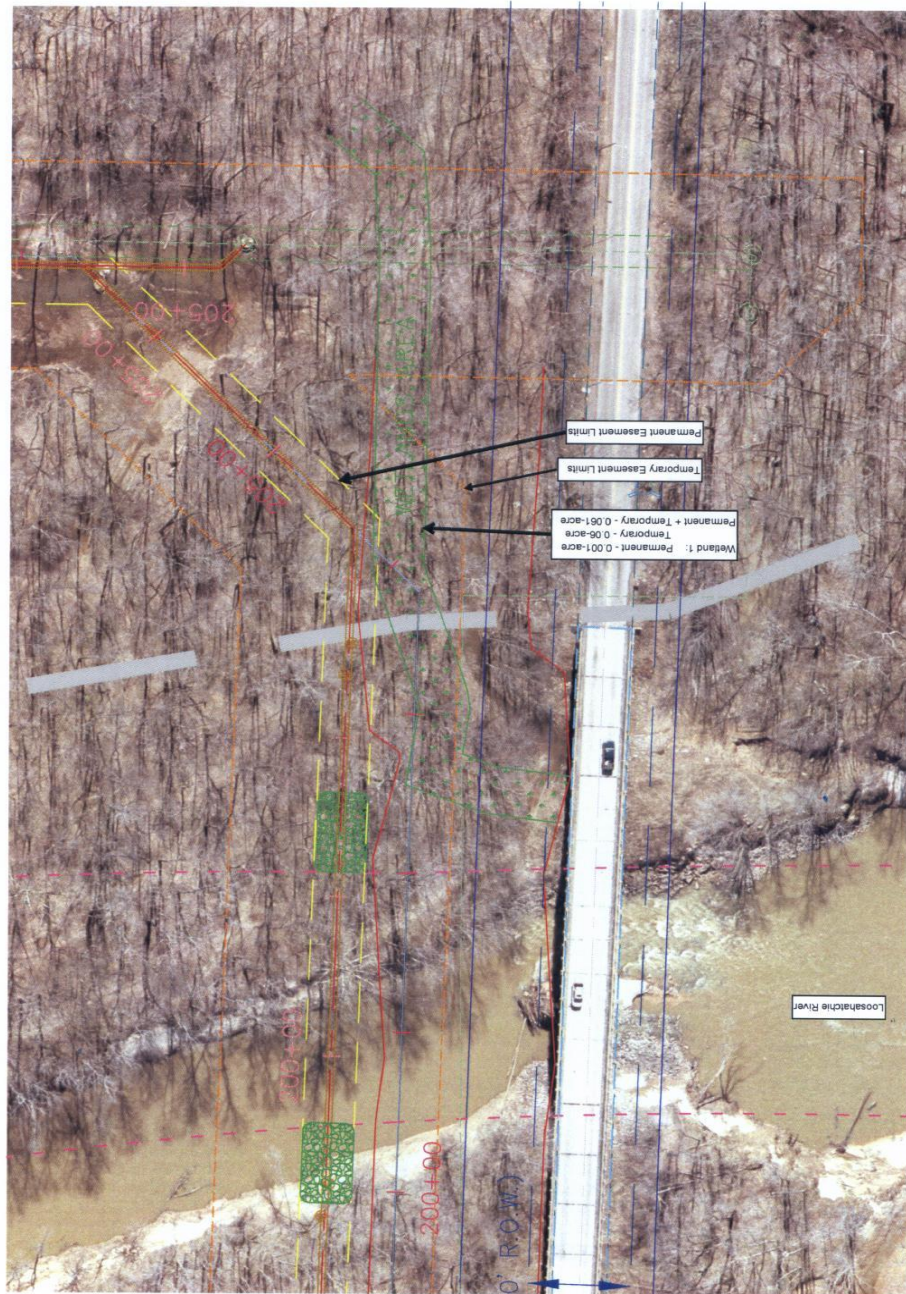




Photo Documentation



Photo 1 Stream 1

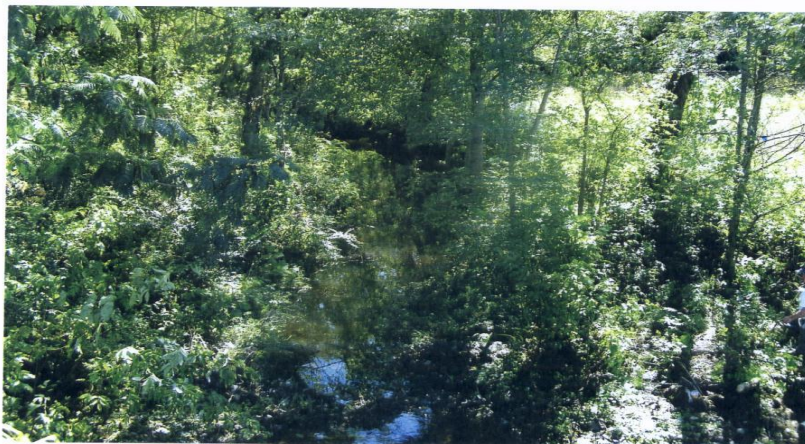


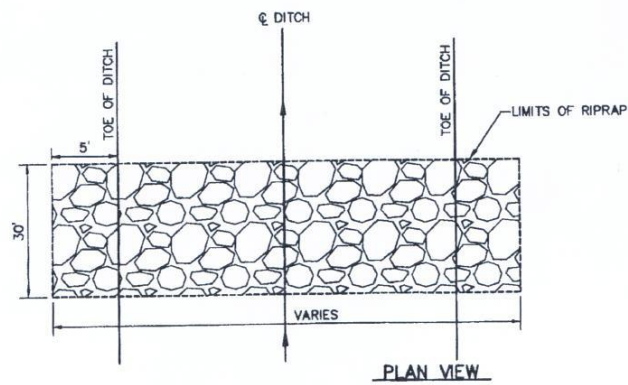
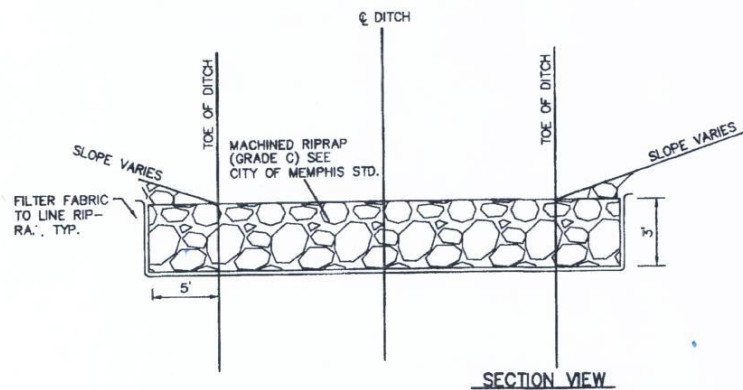
Photo 2 Stream 2



Photo 5 Wetland 1



Photo 6 Wetland 2



① GRADE CONTROL STRUCTURE
N.T.S.

